

Title (en)

RESIN COMPOSITION FOR SLIDING MEMBERS, AND SLIDING MEMBER

Title (de)

HARZZUSAMMENSETZUNG FÜR GLEITELEMENTE UND GLEITELEMENT

Title (fr)

COMPOSITION DE RÉSINE POUR DES ÉLÉMENTS COULISSANTS ET ÉLÉMENT COULISSANT

Publication

EP 4141278 A4 20240515 (EN)

Application

EP 21792404 A 20210405

Priority

- JP 2020075752 A 20200421
- JP 2021014541 W 20210405

Abstract (en)

[origin: EP4141278A1] The present invention provides a resin composition for sliding member and a sliding member having excellent moldability and sliding properties that contains plant-derived polyethylene resin as a main component. In the resin composition for sliding member, as additives, petroleum-derived polyethylene resin of 0.1 to 20% by mass, modified polyolefin resin of 0.1 to 10% by mass, lubricating oil of 0.5 to 5% by mass, and plant-derived filler of 0.1 to 50% by mass are blended in addition to plant-derived polyethylene resin as a main component. A sliding member is produced by molding this resin composition for sliding member.

IPC 8 full level

F16C 33/20 (2006.01); **C08L 1/02** (2006.01); **C08L 23/06** (2006.01); **C08L 23/26** (2006.01); **C08L 91/02** (2006.01); **F16C 33/24** (2006.01)

CPC (source: EP US)

C08L 1/02 (2013.01 - EP); **C08L 23/06** (2013.01 - EP US); **C08L 91/00** (2013.01 - EP); **C08L 91/02** (2013.01 - EP); **C08L 91/06** (2013.01 - EP); **C08L 97/02** (2013.01 - EP); **F16C 33/20** (2013.01 - US); **C08L 2203/30** (2013.01 - US); **C08L 2205/025** (2013.01 - US); **C08L 2205/035** (2013.01 - EP US); **C08L 2207/062** (2013.01 - US); **F16C 2208/76** (2013.01 - EP US); **F16C 2208/78** (2013.01 - EP); **F16C 2212/00** (2013.01 - EP); **Y02W 90/10** (2015.05 - EP)

C-Set (source: EP)

1. **C08L 23/06 + C08L 23/0853 + C08L 91/00 + C08L 23/06 + C08L 1/00 + C08K 3/04**
2. **C08L 23/06 + C08L 91/00 + C08L 1/00 + C08L 51/06 + C08L 23/06 + C08K 3/04**
3. **C08L 23/06 + C08L 1/00 + C08L 91/00 + C08L 23/06 + C08L 51/06 + C08K 3/04**
4. **C08L 23/06 + C08L 23/06 + C08L 91/00 + C08L 1/00 + C08L 51/06 + C08K 3/04**
5. **C08L 23/06 + C08L 51/06 + C08L 1/00 + C08L 91/00 + C08L 51/06 + C08K 3/04**
6. **C08L 23/06 + C08L 1/00 + C08L 91/00 + C08L 23/0853 + C08L 51/06 + C08L 91/06 + C08K 3/04**
7. **C08L 23/06 + C08L 1/00 + C08L 91/00 + C08L 23/06 + C08L 51/06 + C08L 91/06 + C08K 3/04**
8. **C08L 23/06 + C08L 1/00 + C08L 23/0853 + C08L 91/00 + C08L 23/06 + C08L 91/06 + C08K 3/04**

Citation (search report)

[I] JP 2020026485 A 20200220 - OILES INDUSTRY CO LTD

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DOCDB simple family (publication)

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EP 21792404 A 20210405; CN 202180029402 A 20210405; JP 2020075752 A 20200421; JP 2021014541 W 20210405; JP 2024026719 A 20240226; US 202117920350 A 20210405